

[illegible]

a mapping table coupled between the first packet-data-system element and the second packet-data-system element, said mapping table for mapping identities of the first and at least second fixed-site transceivers of the first packet-data-system part defined in the first packet-data-system part to corresponding identities defined in the second packet-data-system part.

2. The mobility manager of claim 1 wherein the first packet-data-system part is operable pursuant to standards defined by a GPRS (General Packet Radio Service) specification, wherein the second packet-data-system part is operable pursuant to standards defined by a WLAN (Wireless Local Area Network) system specification, wherein the first and at least second fixed-site transceivers comprise access points and wherein said mapping table maps identities of the access points defined pursuant to the WLAN system specification to identities defined pursuant to the GPRS specification.

3. The mobility manager of claim 2 wherein the identities of the access points defined pursuant to the WLAN system specification comprise MAC addresses, wherein the corresponding identities defined pursuant to the GPRS specification define unique cell identities, and wherein said mapping

5 table comprises a static table in which the MAC addresses are indexed together with the unique cell identities.

4. The mobility manager of claim 2 wherein the packet radio communication system further comprises an Interworking Element (IWE) coupled to the first and at least second access points and wherein said mapping table is embodied at the IWE.

Sub
A2

5 5. The mobility manager of claim 2 wherein each access point defines a coverage area, wherein the mobile station is permitted movement through the coverage areas, and wherein said mobility manager further comprises a mapped-identifier signal generator coupled to said mapping table, said mapped-identifier signal generator for generating a mapped-identifier signal indicating the corresponding identities of selected ones of the first and at least second access points.

6. The mobility manager of claim 5 wherein the packet radio communication system further comprises an interworking element (IWE) coupled to the first and at least second access points and wherein said mapped-identifier signal generator is embodied at the IWE.

7. The mobility manager of claim 6 further comprising a cell identifier request generator embodied at the mobile station, said cell identifier request generator for generating a cell identifier request signal, for transmission to the IWE to request said mapped identifier signal generator to generate the mapped-identifier signal responsive thereto.

8. The mobility manager of claim 7 wherein the mobile station performs WLAN system-defined association procedures to provide the mobile station with indications of an identifier which identifies the access point through which the mobile station communicates and wherein the said cell identifier request signal generator is operable responsive to detection at the mobile station of the indications of the identifier.

5

5

THE

i

5

C

provided with the indications of the indications stored in the converting table by way of a LLC SDU.

5 15. The mobility manager of claim 1 wherein the packet radio communication system is defined in terms of logical layers, wherein the first packet-data-system part is formed of at least one upper-level layer, wherein the second packet-data-system part is formed of at least one lower-level layer, and wherein said mapping table is embodied at an intermediary layer, the
10 intermediary layer positioned between the upper-level layer and the lower-level layer.

Sub
A2

16. In a method for communicating packet data in a radio communication system having a network infrastructure including a first fixed-site transceiver and at least a second fixed-site transceiver with which a mobile station is selectably connectable by way of a radio link, an
5 improvement of a method for integrating operation of a first packet data system having at least a first packet-data-system element with operation of a second packet data system having at least a second packet-data-system element, thereby to form an integrated system of the packet radio communication system, said method comprising:

10 mapping identities of the first and at least second fixed-site transceivers defined in the first packet data system to corresponding identities defined in the second packet data system;

 relaying packet data between the first packet-data-system element and a selected one of the first and at least second fixed-site
15 transceivers, the packet data of any selected information-element type of a plurality of element types defined in either of the first packet data system and the second packet data system.

17. The method of claim 16 wherein the first packet-data-system part is operable pursuant to standards defined by a GPRS (General Packet Radio Service) specification, wherein the second packet-data-system part is

operable pursuant to standards defined by a WLAN (Wireless Local Area
5 Ntework) system specification, wherein the first and at least second fixed-site
transceivers comprise access points and wherein said operation of mapping
maps between identities of the access points defined pursuant to the WLAN
system specification to identities defined pursuant to the GPRS specification.

Sub
A2 7
18. The method of claim 17 wherein said access point defines a
coverage area, wherein the mobile station is permitted movement through the
coverage areas, and wherein said method further comprises the operation of
generating a mapped-identifier signal indicating the corresponding idnetities
5 of selected ones of the first and at least second access points.

19. The method of claim 18 comprising the additional operation,
prior to said operation of generating the mapped-identifier signal, of
generating a cell identifier request signal at the mobile station, the cell
identifier request signal for requesting generation of the mapped-identifier
5 signal responsive thereto.

20. The method of claim 19 comprising the additional operation of
storing indications of the cell-identifier request signal at a converting table.

add
A2 7